

ABSTRACT

To present a manufacturing method of metal ion water, a water treatment method, a manufacturing device of metal ion water, or a water treatment apparatus capable of treating water for various purposes efficiently at low cost, other metal (silver (Ag)) 2 is plated on one side of one metal (copper (Cu)) 1 of two dissimilar metals 1, 2 mutually different in ionization tendency (potential) so that having water treatment apparatus, both metals 1, 2 adhered mutually are submerged in water to be treated, in which metal (copper) ions are eluted from the metal (copper (Cu)) of higher ionization tendency and/or lower electrode potential by corrosive action of oxidation-reduction reaction by local cell formation of the metal (copper (Cu)) of higher ionization tendency and/or lower electrode potential for moving electrons from the metal (copper (Cu)) of lower electrode potential to the metal (silver (Ag)) of higher potential, in order to prevent corrosion of the metal (silver (Ag)) of lower ionization tendency and/or higher electrode potential of the two dissimilar metals, and specified water treatment (sterilizing, algicidal treatment) is executed by the metal (copper) ions.